



ABSTRACT

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A backlit liquid crystal display device having improved nighttime operational characteristics includes a fluorescent lamp for daytime operation and a separate light source for nighttime operation which emits a low-intensity light. Preferably, the nighttime light source is an electroluminescent panel which also acts as a daytime reflector of light. An integral image-splitting and collimating lens is provided to increase the uniformity of the light emitted and to provide wide angle viewability. A sharp cut-off IR filter may also be included in the device to provide NVIS-B night vision goggle compatibility.